



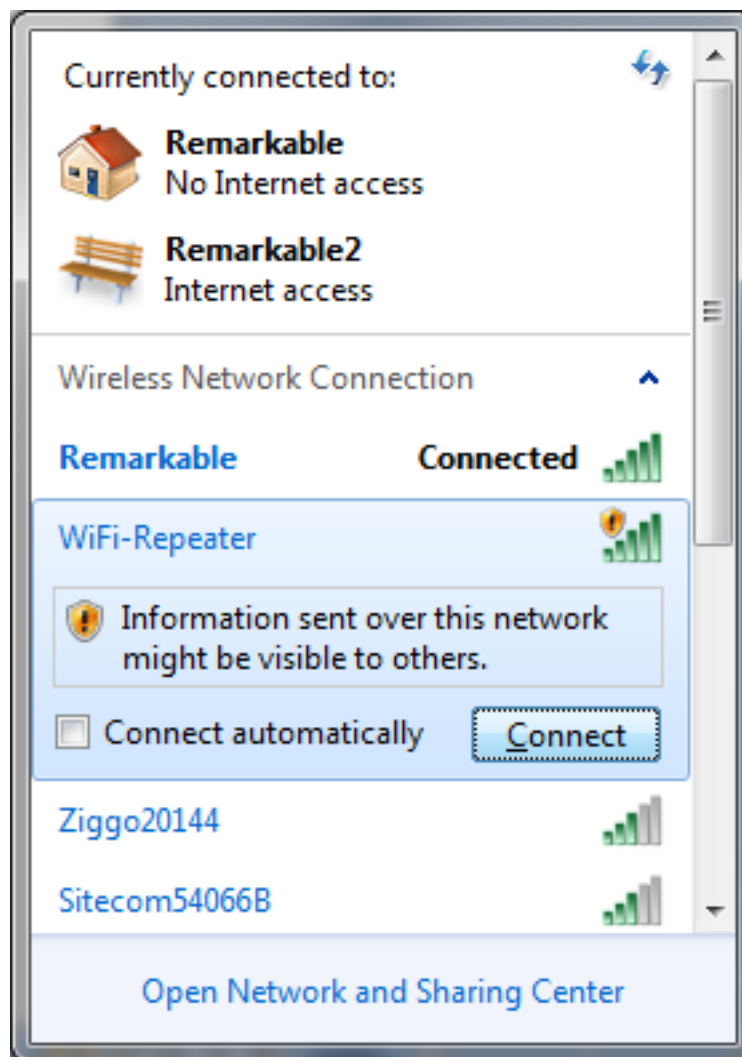
Installation manual

WNP-RP-001
WiFi-repeater, 300 mbps





English

Setup WiFi-Repeater in Repeater mode



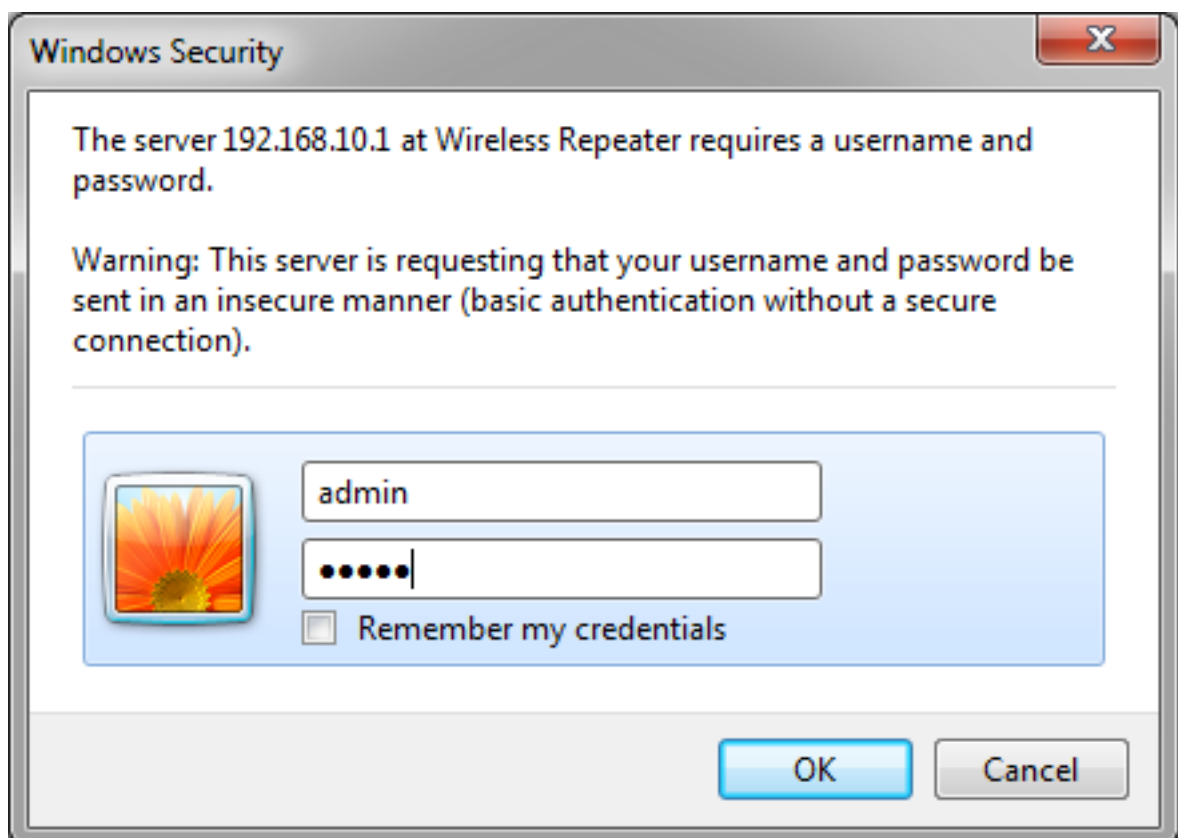
Follow below steps to setup your repeater:

1. Plug in the repeater in an available power outlet socket. Wait for about 1 minute until the repeater is booted up.
2. Click on the network icon ( of ) in the Windows taskbar to view the available wireless networks.
3. The repeater network will be in this list, SSID is WiFi-Repeater.
4. Select the “WiFi-Repeater” network (click on it) and choose “Connect” and wait for some seconds.
5. Windows will now establish a connection with the WiFi-Repeater. It might ask you to specify the network type. In most cases you can select “Home Network”.

6. Windows might indicate that the network is not secured and suggest you to setup security. For the setup of the repeater however, this is not relevant at this point.



7. In the window where you are asked to setup the network, you are also offered the option to “continue without setting up the network”. Choose this option. If you just press OK, you will be asked for a PIN, which is not available.
8. So, please click on the blue link and ignore all possible warnings from Windows..
9. Open your web browser (Internet Explorer, Firefox, Safari, etc) and type <http://192.168.10.1> in the address bar (not in the Google search bar).
10. A window will now appear where you are prompted to enter a login and password. Standard login is “admin” and the password is also “admin” by default.



11. You are now in the main menu of the Gembird WNP-RP-001 WiFi-Repeater

WiFi-Repeater

Setup Wizard

Wireless

LAN Interface

Management

Save/Reload Settings

Reboot

WIRELESS - REPEATER

IEEE 802.11N 2.0

Access Point Status

This page shows the current status and some basic settings of the device.

System	
Uptime	0day:0h:25m:38s
Firmware Version	v2.51 R2
Build Time	Wed Nov 30 10:38:39 CST 2011
Operation Mode	Bridge

Wireless Configuration	
Mode	AP
Band	2.4 GHz (B+G+N)
SSID	WiFi-Repeater
Channel Number	11
Encryption	Disabled
BSSID	00:23:13:10:f6:8c
Associated Clients	1

TCP/IP Configuration	
Attain IP Protocol	Fixed IP
IP Address	192.168.10.1
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DHCP Server	Enabled
MAC Address	00:23:13:10:f6:8c

Statistics

Shows the packet counters for transmission and reception regarding to wireless and Ethernet networks.

Wireless	Sent Packets	443
	Received Packets	1752
Ethernet LAN	Sent Packets	0
	Received Packets	0

Refresh

12. Choose "Setup Wizard" from the left menu bar
13. Choose "Wireless Repeater Mode (Station)" and click "Next >>"

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WIRELESS - REPEATER

IEEE 802.11N 2.0

Wireless Setup Wizard

The setup wizard will guide you to configure Wireless Repeater first time. Please follow the setup wizard step by step.

☒ **Wireless Repeater Mode(Station)**
Ethernet connect PC or local network, Wireless work for a WAN port connects to other wireless AP or router.

User-PC

Repeater

Wifi AP /Router

Internet



WIRELESS - REPEATER
IEEE 802.11N 2.0

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Wireless Setup Wizard

Welcome to the Configuration Wizard of the Wireless Repeater
The Wizard assists you in registering the WiFi Repeater at the radio network to be extended.

Operation Mode: ☐ Bridge
WLAN Mode: ☒ AP
DHCP: ☒ Server
SSID of Repeater:
SSID of Connect to:

<<Back Repeater - OneKey Setting >>

14. Click on the "Repeater –OneKey Setting >> " button
15. You will now see a list of all available wireless networks that are found by the repeater. Your own personal WiFi-network should also be in this list. Select your network in the column "Select" by checking the checkbox next to it. When done, click "Next >>"



WIRELESS - REPEATER
IEEE 802.11N 2.0

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Wireless Setup Wizard

Encryption: WPA2 ▾
Authentication Mode: ☐ Enterprise (RADIUS) ☒ Personal (Pre-Shared Key)
WPA2 Cipher Suite: ☐ TKIP ☒ AES
Pre-Shared Key Format: Passphrase ▾
Pre-Shared Key:

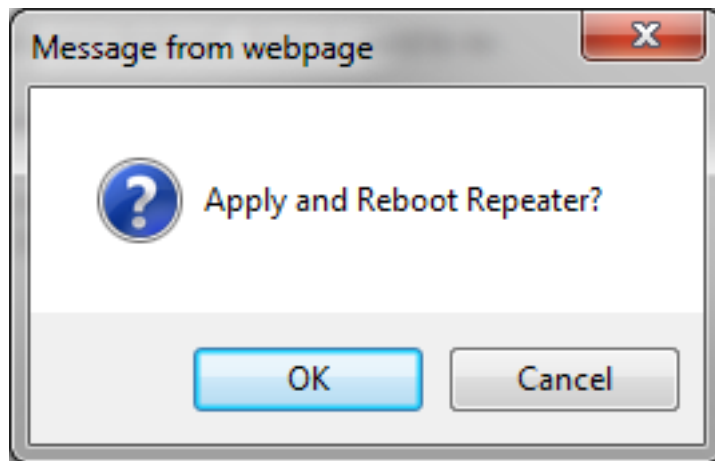
<<Back Apply and Reboot

Note:



- The Repeater will restart after users click "Apply and Reboot", then it need to re-connect wireless SSID: "WiFi-Repeater1"
- Once the connection is failed between the repeater and routers, users will not connect the repeater through wireless port.However, user can re-connect after resuming original setup by "Reset" button.Or connect router through Wired Lan as long as users set any one IP among 192.168.10.2--254 afterwards input "192.168.10.1" in browser.

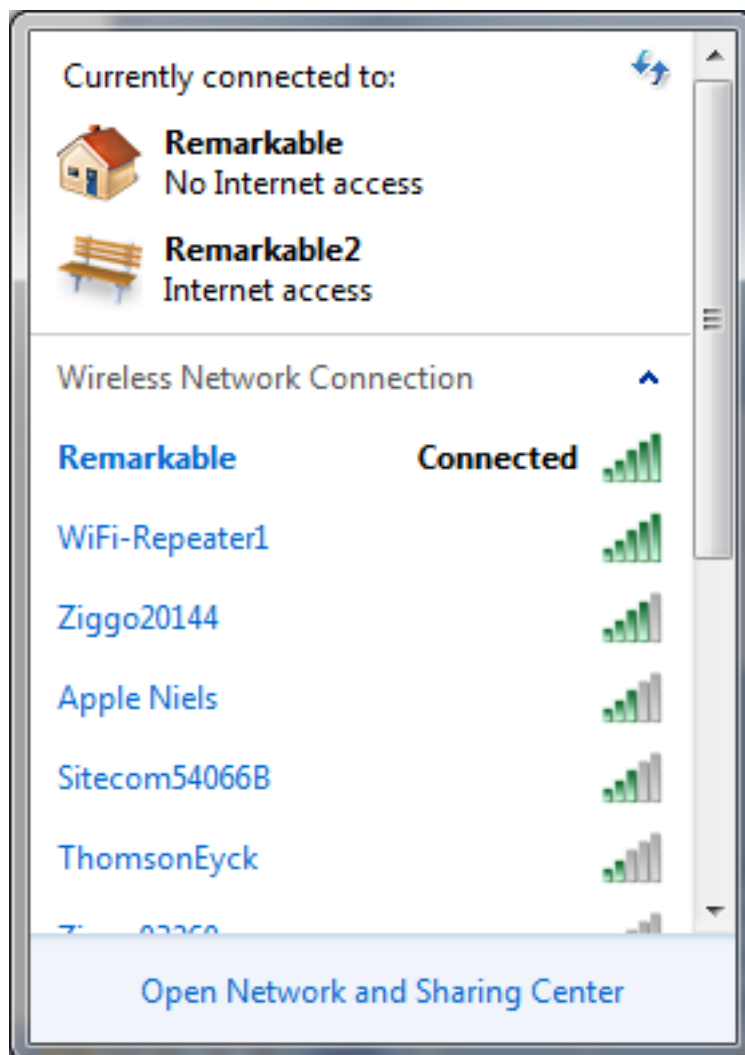
16. Depending on the security settings of your wifi network you now will be asked to enter the password of your network. NOTE, this is case sensitive!
You do not have to change anything from the pre-entered settings. In above example you only have to enter the pre-shared key (the password).

17. After entering the network password you click on "Apply and Reboot". Below pop-up will appear. Click "OK" to confirm reboot.

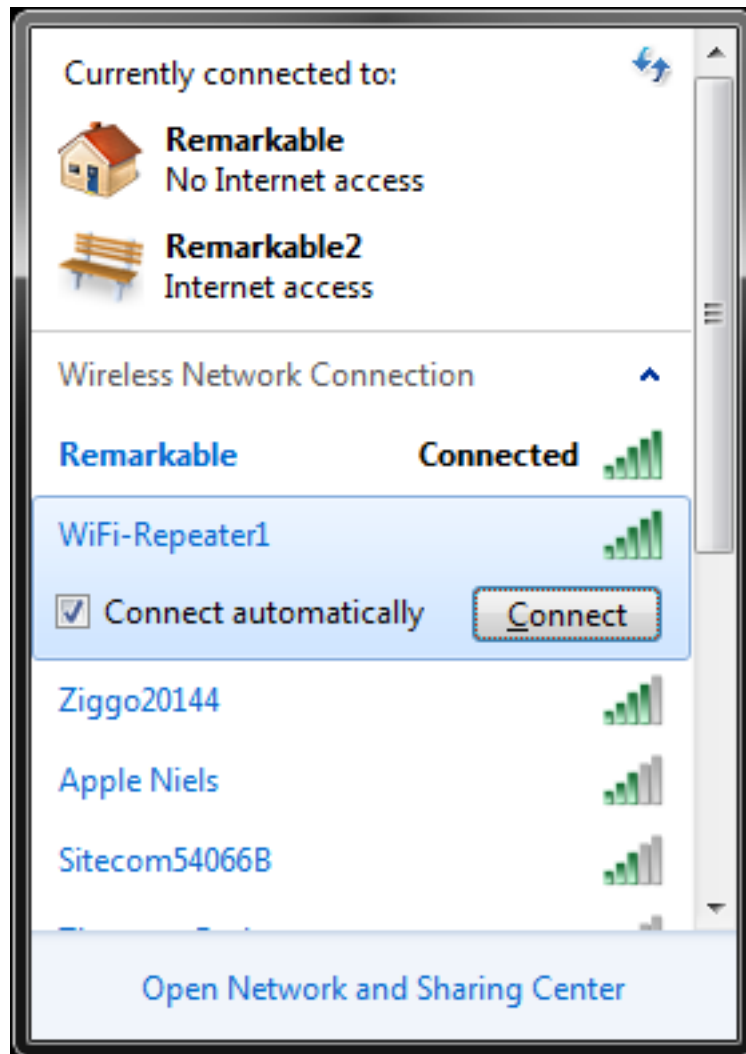


18. The repeater will now reboot with all new settings.

19. Click on the network icon ( of ) in the Windows taskbar to view the available wireless networks. Your repeater will be visible under a new name: "WiFi-Repeater1".



20. Select the “WiFi-Repeater1” network (click on it) and make sure the “Connect automatically” option is enabled.



21. Windows will ask to enter a password when you connect to the repeater network. Use the password from your router.
22. Windows will again ask to select the network type. In most cases “Home Network” is the correct option.
23. The repeater is now ready for use. You can safely unplug the repeater from its power socket; it will always keep its settings.